

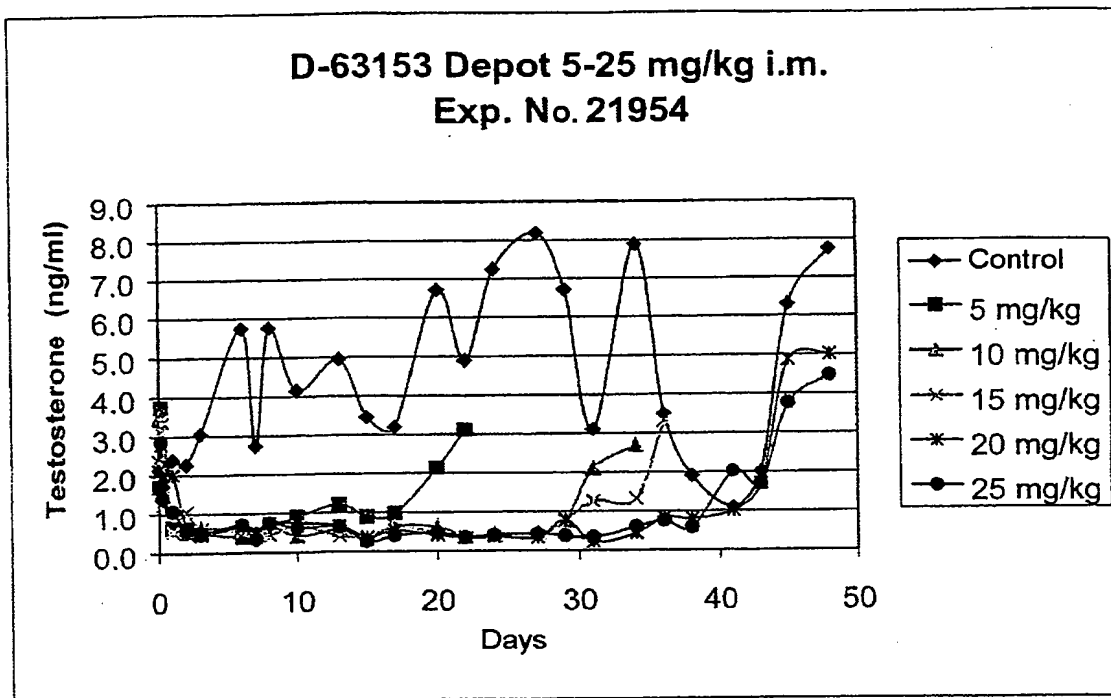
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Figures

Fig. 1 (cf. example 3): Dose-dependent suppression of testosterone levels by D-63153 depot in male rats, 5-25 mg/kg i.m., averages

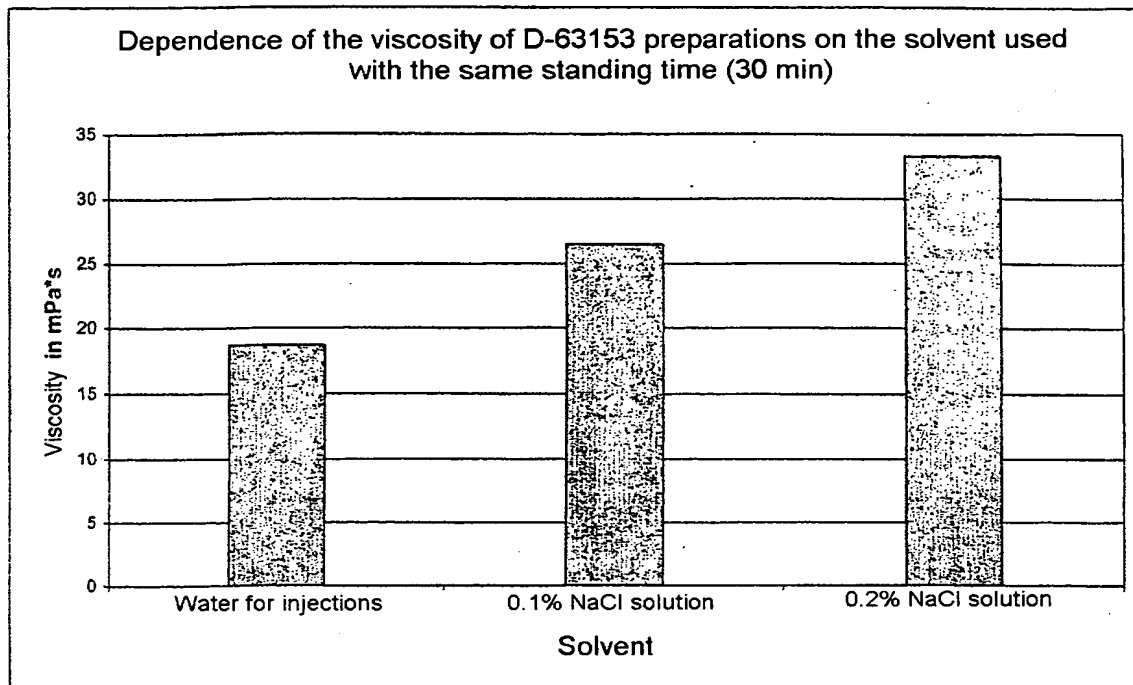


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Fig. 2 (cf. example 5): Representation of the dependence of the viscosity of D-63153 preparation on the solvent used (viscosity was determined using a falling sphere microviscometer)



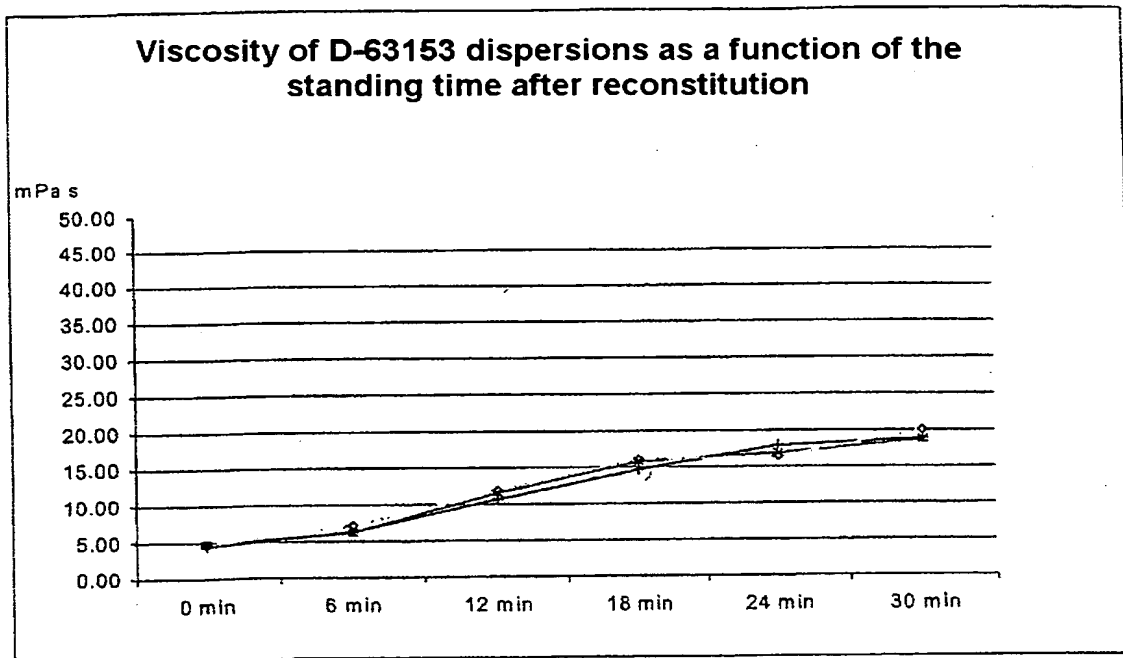
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Fig. 3 (cf. example 6): Representation of the connection between viscosity of the peptide preparation and the standing time after reconstitution (viscosity was determined using a falling sphere microviscometer).



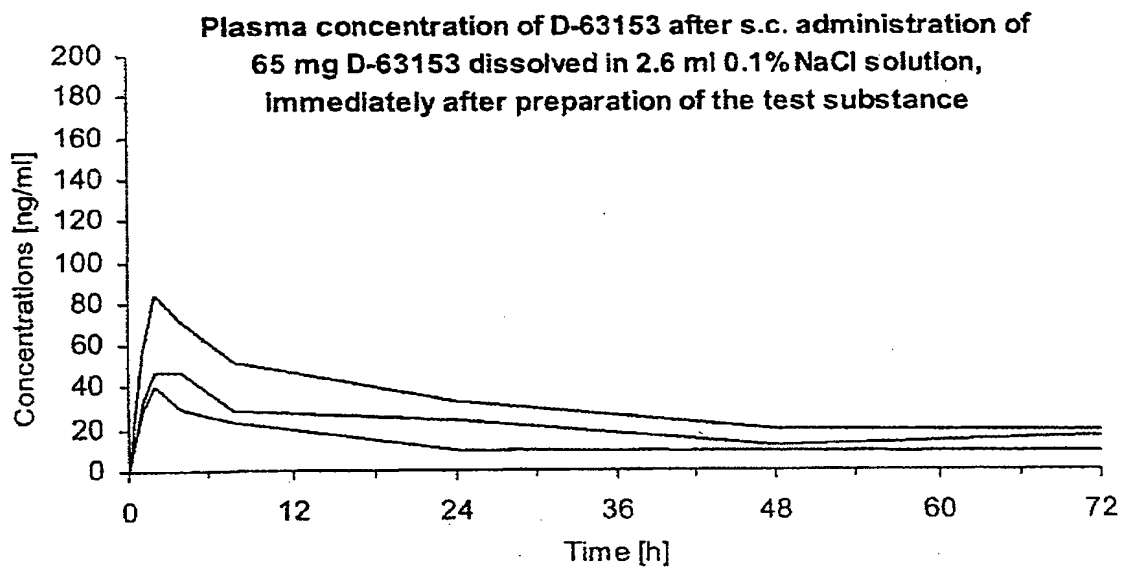
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Fig. 4 (cf. example 7): Influence of the standing time after reconstitution on the plasma levels after s.c. injection; standing time = 0 min

Plasma concentration of D-63 153 after s.c. administration at 65 mg of D-63 153 dissolved in 2.6 ml of 0.1% (weight/volume) NaCl solution; immediately after preparation of the test compound



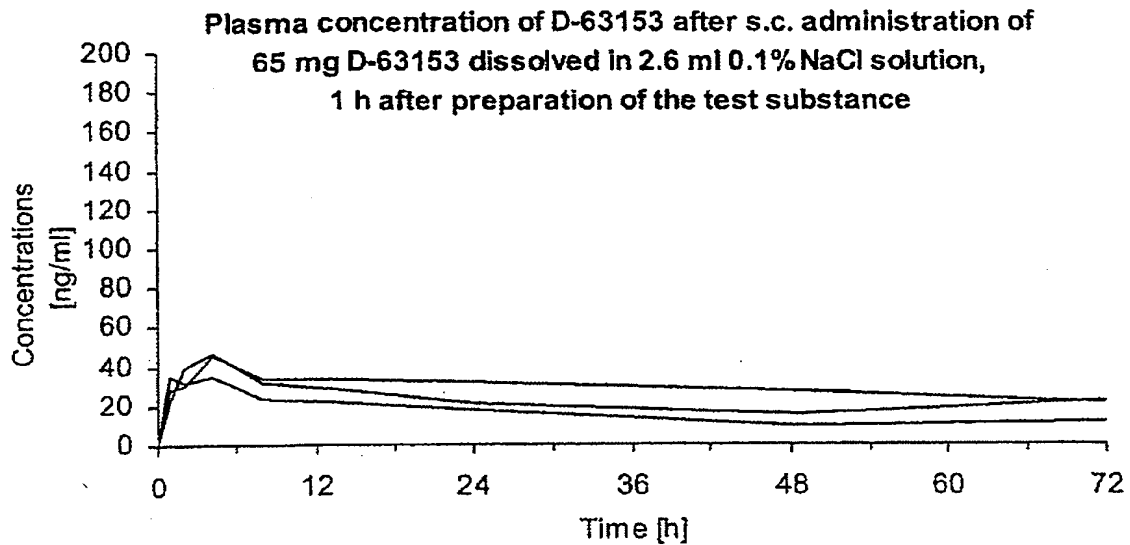
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Fig. 5 (cf. example 7): Influence of the standing time after reconstitution on the plasma levels after s.c. injection; standing time = 60 min.

Plasma concentration of D-63 153 after s.c. administration at 65 mg of D-63 153 dissolved in 2.6 nl of 0.1% (weight/volume) NaCl solution; 1 h (60 min) after preparation of the test compound



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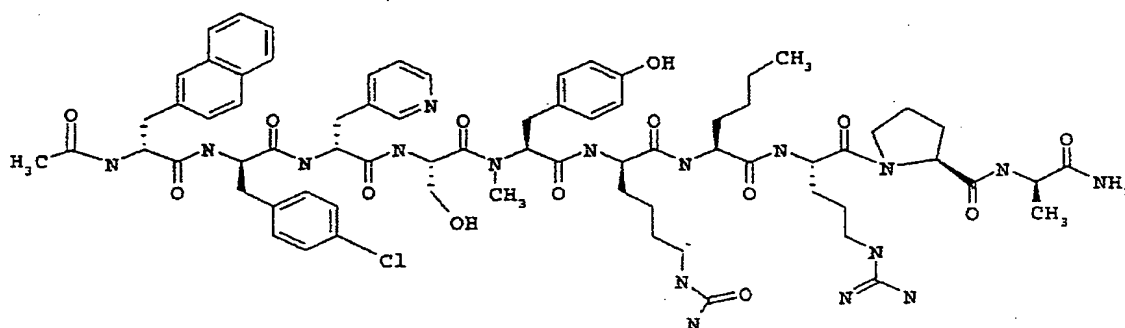
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Fig. 6: Physicochemical data on D-63 153.

Sequence: Ac-D-Nal(2)-D-Cpa-D-Pal(3)-Ser-N-Me-Tyr-D-Hci-
Nle-Arg-Pro-D-Ala-NH₂

Name: D-63153 (e.g. acetate salt)

Structural formula:

Molecular formula: C₇₂ H₉₆ Cl N₁₇ O₁₄ × C₂ H₄ O₂

Molecular weight: 1459.1 g/mole (free base)

Spec. optical rotation: -47.0 to -57.0 (0.25% in MeOH)

Solubility: 0.75 mg/ml in water

Appearance: white amorphous powder, odorless